

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) 0

Complete if Known

Application Number 10/824,730

Filing Date April 15, 2004

First Named Inventor Philip Jacoby

Examiner Name

Art Unit 1772

Attorney Docket No. MAYZ 100

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number
Deposit Account Name

50-3129

Pabst Patent Group LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$) 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
16	-20* = 0	X	
4	-4** = 0	X	
Multiple Dependent			

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	4
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0

SUBMITTED BY

Name (Print/Type) Patrea L. Pabst

Registration No. (Attorney/Agent)

31,284

(Complete if applicable)

Telephone (404) 879-2151

Signature

Date

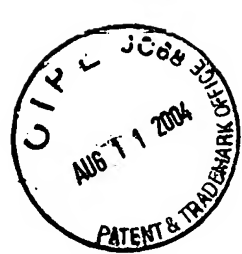
August 2, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Philip Jacoby

Serial No.: 10/824,730

Art Unit: 1772

Filed: April 15, 2004

Examiner: Not Yet Assigned

For: *EXTRUDED POLYPROPYLENE SHEETS CONTAINING BETA SPHERULITES*

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56 and 37 C.F.R. §1.97, Applicant submits an Information Disclosure Statement, including 2 pages of Form PTO-1449 and copies of the 11 documents cited therein.

This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(b) prior to a first Office Action on the merits. It is believed that no fee is required with this submission. However, should a fee be required, the Commissioner is hereby authorized to charge any required fees to Deposit Account No. 50-3129.

U.S. Patents

<u>Number</u>	<u>Issue Date</u>	<u>Patentee</u>	<u>Class/Subclass</u>
4,374,798	02-22-1983	Mercer	264/288.8
4,975,469	12-04-1990	Jacoby et al.	521/84.1
5,231,126	07-27-1993	Shi et al.	524/296
5,277,520	01-11-1994	Travis	405/128
5,310,584	05-10-1994	Jacoby et al.	428/2
5,753,337	05-19-1998	Slocumb	428/107

Publications

DRAGAUN et al. "Shear-induced β -form crystallization in isotactic polypropylene"
Journal of Polymer Science: Polymer Physics Edition, 15(10): 1779-1789 (1977).

DUSWALT, et al., "A thermal study of β -form polypropylene," *Amer. Chem. Soc. Div. Org. Coat.*, 30(2): 93-96 (1970).

LEUGERING, "Einfluß der kristallstruktur und der überstruktur auf einige eigenschaften von polypropylene," *Makromol. Chem.* 109(2482): 204-216 (1967). (English summary only)

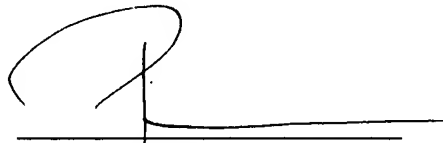
LEUGERING, et al., "Beeinflussung der kristallstruktur von isotaktischem polypropylen durch kristallization aus orientierten schmelzen," *Die Angew. Makro. Chem.* 33(476): 17-23 (1973). (English summary only)

LOVINGER et al. "Studies on the α and β forms of isotactic polypropylene by crystallization in a temperature gradient" *Journal of Polymer Science: Polymer Physics Edition*, 15(4): 641-656 (1977).

Remarks

This statement should not be interpreted as a representation that an exhaustive search has been conducted or that no better art exists. Moreover, Applicant invites the Examiner to make an independent evaluation of the cited art to determine its relevance to the subject matter of the present application. Applicant is of the opinion that his claims patentably distinguish over the art referred to herein, either alone or in combination.

Respectfully submitted,

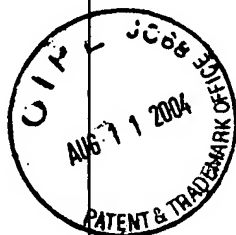


Patrea L. Pabst
Reg. No. 31,284

Dated: August 5, 2004

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Substitute for form 1449A/PTO



(use as many sheets as necessary)

Complete if Known

10/824,730

April 15, 2004

Philip Jacoby

1772

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	MAYZ 100
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Sheet

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of

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Date Considered

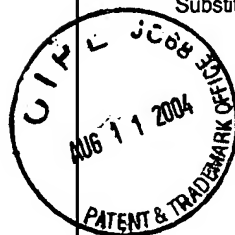
¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number		10/824,730
Filing Date		April 15, 2004
First Named Inventor		Philip Jacoby
Group Art Unit		1772
Examiner Name		
Sheet	2	of 2
Attorney Docket Number		MAYZ 100

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		DRAGAUN et al. "Shear-induced β -form crystallization in isotactic polypropylene" <i>Journal of Polymer Science: Polymer Physics Edition</i> , 15(10): 1779-1789 (1977).	
		DUSWALT, et al., "A thermal study of β -form polypropylene," <i>Amer. Chem. Soc. Div. Org. Coat.</i> , 30(2): 93-96 (1970).	
		LEUGERING, "Einfluß der kristallstruktur und der überstruktur auf einige eigenschaften von polypropylene," <i>Makromol. Chem.</i> 109(2482): 204-216 (1967). (English summary only)	
		LEUGERING, et al., "Beeinflussung der kristallstruktur von isotaktischem polypropylen durch kristallization aus orientierten schmelzen," <i>Die Angew. Makro. Chem.</i> 33(476): 17-23 (1973). (English summary only)	
		LOVINGER et al. "Studies on the α and β forms of isotactic polypropylene by crystallization in a temperature gradient" <i>Journal of Polymer Science: Polymer Physics Edition</i> , 15(4): 641-656	

Examiner's Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

¹ Unique citation designation number ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant to place a check mark here if English language Translation is attached.

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